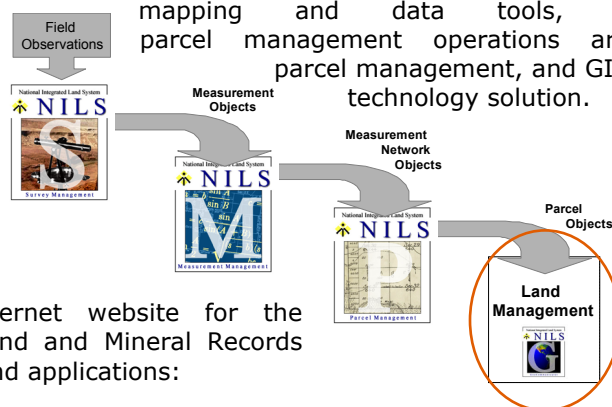# NILS

June 2004

National Integrated Land System

The National Integrated Land System (NILS) is a joint project between the Bureau of Land Management (BLM); USDA Forest Service (USFS); and state, county, and private organizations. NILS will provide a business solution to land managers who face an increasingly complex environment of complicated transactions, legal challenges, and deteriorating and difficult-to-access records.

As part of the NILS solution, the specialized fields of land surveying, land records management, and GIS technology are unified in an enterprise computer application. In-field mapping and data tools, a measurement management engine to analyze survey data, and parcel management operations are implemented in the application. The integration of surveying, parcel management, and GIS provides land managers with a complete field–to-fabric technology solution.

GeoCommunicator

GeoCommunicator (**www.geocommunicator.gov**) is an Internet website for the dissemination of spatial data from the NILS and the BLM's Land and Mineral Records System. GeoCommunicator includes the following functionalities and applications:

Land and Mineral Use Records: Provides an application to spatially view parcel boundaries and information on use authorizations and mining claims from the BLM's Land and Mineral Records System (LR2000).

Federal Land Stewardship: Provides an application and a map streaming service to spatially or textually locate federal land surface management agencies. For each surface management agency, contact information is provided.

Application: www.geocommunicator.gov
Map Server: www.lsi.blm.gov/
Map Service name: BLM_SURFACE_MGT_AGY

Land Survey Information System: Provides an application and a map streaming service for display and download of the Public Land Survey System (PLSS), USFS PLSS data, and other survey-based data in support of a national multipurpose cadastre.
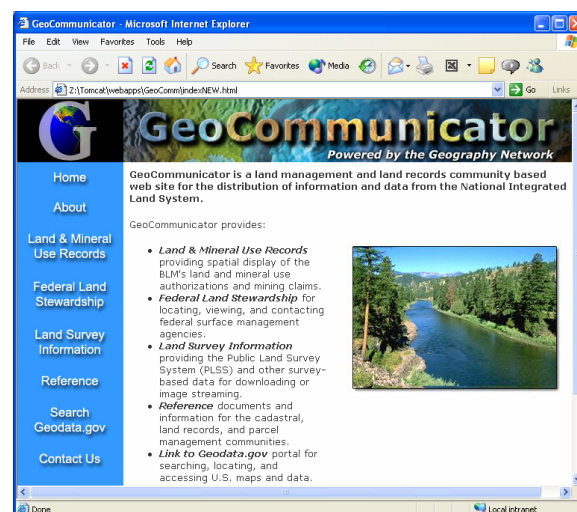
Application and Download: www.geocommunicator.gov/lsi
Map Server: www.lsi.blm.gov/
Map Service Name: BLM_LSIS

www.geocommunicator.gov

Reference Data: Contains information, data, and links to reference documents, standards, and more for the cadastral, survey and land management communities.

Contact: Leslie Cone, Project Manager, Bureau of Land Management WO-330, PO Box 25047, Denver, CO 80225 lcone@blm.gov Tel: 303 236-0815 or go to www.geocommunicator.gov.

National Integrated Land System (NILS)